

We reckon *Surrey-Street* 27 Seconds in Time West of the Royal Observatory at *Greenwich*.

Mr. *John Catlin* had a few Days before deliver'd me a Computation of this Eclipse, corrected from two Places of the Moon, observ'd the 28th of *February* and the 2d of *March* 1729, corresponding pretty nearly with her present Situation; as likewise from the Star's Position, as I had rectify'd it from several late Observations; and this gave the

			h	'
Immersion at	—	—	8	26 $\frac{1}{2}$
Emersion	—	—	9	30

J. Bevis.

VI. *An Observation of an uncommon Gleam of Light proceeding from the Sun, by Mr. Peter Collinson F. R. S.*

Read March 19. 1746-7. **O**N the 8th of *March* 1746-7, near 8 o' Clock in the Morning, as I was riding within three Miles of *Brentwood* in *Effex*, there appeared a singular *Phænomenon* in the Heavens; the Sketch (TAB. . Fig. .) may give some Idea of it.

The Morning was fine and clear, the Sun shone bright, no Cloud to be seen, but the Air a little hazy: Where the *Phænomenon* appeared, which was a bright cloudy Spot, seem'd a very small Portion of a Rainbow,

a Rainbow, only the Colours very faint. It was in a horizontal Direction North of the Sun, and from it projected a long luminous Ray, which terminated in a Point. — It continu'd very strong for more than half an Hour after I saw it, and then vanish'd away by degrees.

P. Collinson.

VII. *Extract of a Letter from Mr. Benjamin Cooke F.R.S. to Mr. Peter Collinson F.R.S. concerning the Property of new Flanel sparkling in the dark.*

Newport, Isle of Wight, Jan. 13. 1746-7.

Read March 19. 1746-7. **S**INCE I have read the *Transaction* N^o. 476. with respect to the sparkling Lady, who could communicate a kind of electrical Fire to her Garments, I can give you an Instance nearly like it, of a Lady who was surpris'd at such an Appearance from a Flanel Petticoat, which she happen'd to shake in the dark. But at last we found, that new Flanel, after some time wearing, would acquire this Property; but that it lost it by being washed.

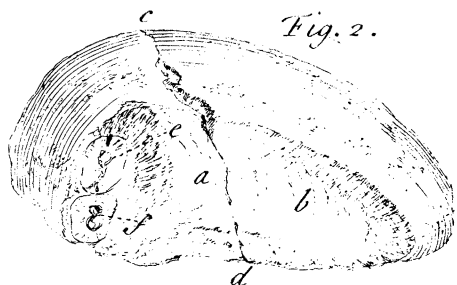


Fig. 2.

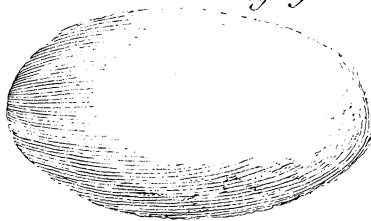


Fig. 5.

p. 454.

p. 454.

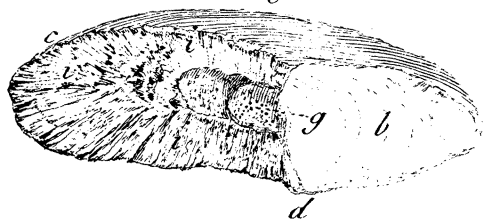


Fig. 3.

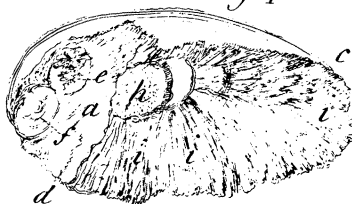


Fig. 4.

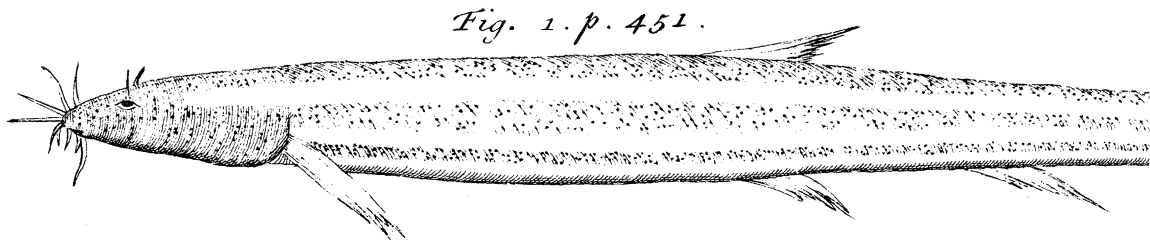


Fig. 1. p. 451.

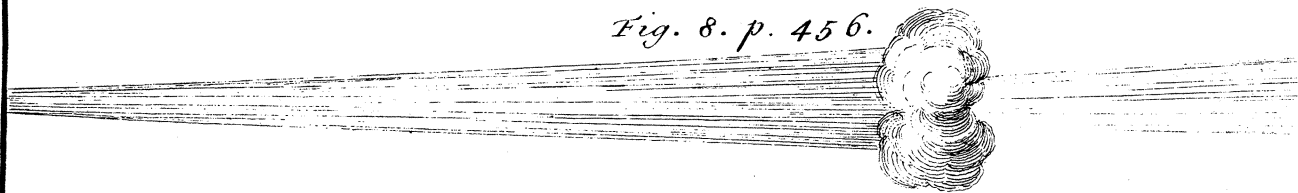


Fig. 8. p. 456.

rans. N^o 483. TAB. II.

Fig. 6.

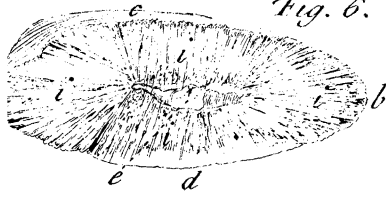
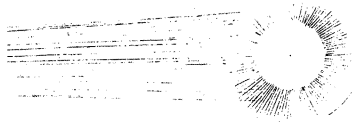
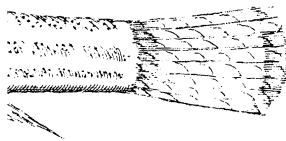
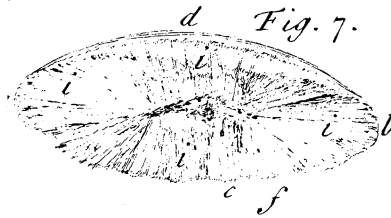


Fig. 7.



J. Mynde. f.



p. 454.

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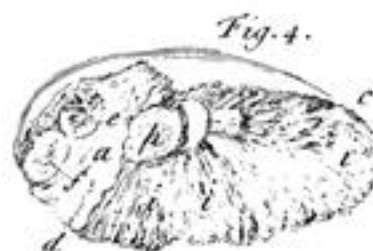


Fig. 1. p. 451.



Fig. 8. p. 456.

